

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S139	49	(US-20030155019-\$ or US-20030100777-\$). did. or (US-5580523-\$ or US-3509043-\$ or US- 3844934-\$ or US-5916529-\$ or US-3201340-\$ or US-2257178-\$ or US-6299759-\$ or US- 3559670-\$ or US-3581759-\$ or US-6844452-\$ or US-3130145-\$ or US-2938859-\$ or US- 2578704-\$ or US-4232179-\$ or US-4166024-\$ or US-4045182-\$ or US-4746495-\$ or US- 4218338-\$ or US-3072465-\$ or US-4015943-\$ or US-4406775-\$ or US-4133743-\$ or US- 2952611-\$ or US-6458266-\$ or US-5965473-\$ or US-2944008-\$).did. or (US-2923679-\$ or US-2908653-\$).did. or (US-3509043-\$ or US- 3201340-\$ or US-2355198-\$ or US-2257178-\$ or US-3154481-\$ or US-3142545-\$ or US- 3725248-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/06 10:09
S140	40	(US-20020010220-\$ or US-20020048536-\$ or US-20020170976-\$ or US-20030014974-\$ or US-20030068260-\$ or US-20030083535-\$ or US-20030114543-\$ or US-20030175173-\$ or US-20060180501-\$).did. or (US-2852545-\$ or US-3334971-\$ or US-3890142-\$ or US- 3904397-\$ or US-3911896-\$ or US-3968653-\$ or US-4046556-\$ or US-4152139-\$ or US- 4259294-\$ or US-4279830-\$ or US-4375983-\$ or US-4487985-\$ or US-4547602-\$ or US- 4767791-\$ or US-4789528-\$ or US-4801573-\$ or US-5043057-\$ or US-5202517-\$ or US- 5266281-\$ or US-5489726-\$ or US-5520890-\$ or US-5558783-\$ or US-5750823-\$ or US- 6482366-\$ or US-6482998-\$ or US-6921778-\$).did. or (US-6936082-\$ or US-7118917-\$ or US-7150994-\$).did. or (US-2852545-\$ or US- 3334971-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/06 10:35
S141	0	S140 and tubular fixed bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/06 10:45
S146	12	S145 and (multiple or plurality or plural or several or more) (catalyst bed)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/06 10:47
S145	82	S144 and heat exchange\$1	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/06 10:47
S144	256	S143 and @ad<"20020704"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/06 10:47
S143	472	S142 and ("422" or "208").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/06 10:47
S142	1286	parallel with reactor same (fixed or catalyst) bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/06 10:47

S147	40	(US-20020010220-\$ or US-20020048536-\$ or US-20020170976-\$ or US-20030014974-\$ or US-20030068260-\$ or US-20030083535-\$ or US-20030114543-\$ or US-20030175173-\$ or US-20060180501-\$).did. or (US-2852545-\$ or US-3334971-\$ or US-3890142-\$ or US-3904397-\$ or US-3911896-\$ or US-3968653-\$ or US-4046556-\$ or US-4152139-\$ or US-4259294-\$ or US-4279830-\$ or US-4375983-\$ or US-4487985-\$ or US-4547602-\$ or US-4767791-\$ or US-4789528-\$ or US-4801573-\$ or US-5043057-\$ or US-5202517-\$ or US-5266281-\$ or US-5489726-\$ or US-5520890-\$ or US-5558783-\$ or US-5750823-\$ or US-6482366-\$ or US-6482998-\$ or US-6921778-\$).did. or (US-6936082-\$ or US-7118917-\$ or US-7150994-\$).did. or (US-2852545-\$ or US-3334971-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 12:46
S149	31	S147 not batch\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 12:47
S148	40	S147 not batch\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 12:47
S150	6	("4259294").PN. OR ("4789528").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 12:50
S153	146	S152 and @ad<"20020704"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 12:57
S152	304	(multiplicity or plurality) near (reactor or reaction) with (series or parallel) same (cooler or heat exchange\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 12:57
S151	2504	(multiplicity or plurality) near (reactor or reaction) with (series or parallel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 12:57
S155	1	S154 and batch\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 13:20
S154	3	("4046556" "4067728").PN. OR ("4152139").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 13:20
S156	18	("2653088" "3288590" "3827879" "3890142" "3904397" "4046556" "4067728" "4082545" "4099963" "4121922" "4152139").PN. OR ("4375983").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 13:22
S157	14	S156 not batch\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 13:23
S160	10	("3288590").URPN.	USPAT	ADJ	ON	2009/08/26 13:26
S159	17	("2900246" "3288590" "3364011" "3389988" "3984229").PN. OR ("4082545").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 13:26
S158	10	("3288590").URPN.	USPAT	ADJ	ON	2009/08/26 13:26
S163	1386	(reactor or reaction) with parallel with (cooler or heater or heat exchange\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:29
S162	3149	(reactor or reaction) with parallel same (cooler or heater or heat exchange\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:29

S161	11108	(reactor or reaction) with parallel and (cooler or heater or heat exchange\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:29
S166	136	S164 and (catalyst or fixed) bed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:30
S165	99	S164 and catalyst bed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:30
S164	738	S163 and @ad<"20020704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:30
S167	0	(reactor or reaction) nea parallel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:33
S171	94	S170 and "422".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:34
S170	566	S169 and @ad<"20020704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:34
S169	1148	S168 and (catalyst or fixed) bed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:34
S168	8304	(reactor or reaction) near parallel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:34
S174	7	S173 and "422".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:39
S173	187	S172 and @ad<"20020704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:39
S172	549	batch with exothermic reaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:39

S175	33	reformer with batch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 13:43
S176	3	((("5520890") or ("2852545")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/26 13:44
S179	82	S178 and @ad<"20020704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 14:18
S178	188	(fischer tropsh or methanation) with catalyst bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:18
S177	322	(fischer tropsh or methanation) same catalyst bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:18
S182	46	S181 and @ad<"20020704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 14:19
S181	125	(fischer tropsh or methanation) same catalyst bed with (two or more or plurality)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:19
S180	350	(fischer tropsh or methanation) and catalyst bed with (two or more or plurality)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:19
S185	7	S184 and @ad<"20020704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 14:23
S184	11	(producing near methane or methanation) same catalyst bed near (two or more or plurality)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:23
S183	127	(producing near methane or methanation) same catalyst bed with (two or more or plurality)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:23
S187	0	(producing near methanol or methanation) same multitubular	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:28
S186	12	(producing near methanol or methanation) same catalyst bed near (two or more or plurality)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:28
S191	33	S190 and carbon monoxide with hydrogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 14:29
S190	152	S189 and @ad<"20020704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 14:29
S189	264	(methanol or methanation) with tubular reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:29
S188	0	(producing near methanol or methanation) with tube shell	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:29
S192	23	("3789106" "4088450" "4091086" "4129424" "4175115").PN. OR ("4316880").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:35

S193	16	("3450500" "3515514" "4088450" "4091086" "4316880" "4613584" "4632774").PN. OR ("4692322").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:36
S194	8	("5631302").URPN.	USPAT	ADJ	ON	2009/08/26 14:38
S197	28	S196 and parallel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 14:43
S196	147	S195 and @ad<"20020704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 14:43
S195	259	methanol with tubular reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:43
S200	79	S199 and @ad<"20020704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/26 14:45
S199	127	S198 and (tubular or buddle) reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:45
S198	1816	methanol.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 14:45
L3	135	2 and reactor near (parallel or series)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 16:43
L2	2106	L1 and @ad<"20020704"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 16:43
L1	8069	((422/188,197,196,198,239,201) or (208/46,78,79)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/26 16:43
L4	61	3 and (tubular or bundle or tube shell)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 16:44

EAST Search History (Interference)

< This search history is empty >

8/ 26/ 2009 4:45:57 PM**C:\ Documents and Settings\ hnguyen19\ My Documents\ EAST\ Workspaces\ 10-521161.wsp**